

| AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE | DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD | KK | EEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEEE | YY Y | | AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA | 88888888 88 88 88 88 88 88 88 88 88 88 88 | •••• |
|--|--|--|--|--|--|--|--|---|------|
| LL LL LL LL LL LL LL LL LL LL | | \$ | | | | | | | |

11 ;*

15 :*

17 ;*

18 : *

20 :*

: *

9

48 :

52 : 53 :

55 ;

56 ; 57 ;

41 :

42 ---

```
.TITLE AED$KEY TABLE - Default key definition table .IDENT /V04-000/ .ENABL DBG
```

COPYRIGHT (c) 1978, 1980, 1982, 1984 BY DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. ALL RIGHTS RESERVED.

THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY TRANSFERRED.

THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT CORPORATION.

DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.

: FACILITY: Miscellaneous utilities

: ABSTRACT:

This module contains the default definitions for the ACL editor actions. These are replaced by those read in from the initialization file if there is one.

: ENVIRONMENT:

VAX/VMS operating system, user mode utilities.

AUTHOR: L. Mark Pilant CREATION DATE: 24-Jan-1983 16:30

47 : MODIFIED BY:

V03-005 LMP0233 L. Mark Pilant, 16-Apr-1984 15:52 Make the LK201 'DO' key the same as 'ENTER'.

V03-004 LMP0213 L. Mark Pilant, 24-Mar-1984 12:23 Add support for locking and unlocking the object's ACL.

V03-003 LMP0193 L. Mark Pilant, 14-Feb-1984 10:20 Add reset, quit, and delete EOL to the defined actions.

- Default key definition table

15-SEP-1984 23:36:28 VAX/VMS Macro V04-00 Page 2
4-SEP-1984 22:54:23 [ACLEDI.SRCJAEDKEYTAB.MAR;1 (1)

0000 58: V03-002 LMP0172 L. Mark Pilant, 28-Nov-1983 12:11
0000 59: Numerous bug fixes, support for VT2xx terminals, and a session keystroke logger.
0000 61:
0000 62: V03-001 LMP0103 L. Mark Pilant, 21-Apr-1983 12:13
0000 63: Add support for HIDDEN and PROTECTED ACEs.
0000 65:**

```
ige 3
```

```
67 : MACROS TO DEFINE STRUCTURES
0000
         68
69
70
ŎŎŎŎ
                       AED$LCLDEF
ŎŎŎŎ
ŎŎŎŎ
          71
                       .MACRO KEY_DEF KEY_CODE_NAME, KEY_FLAGS, KEY_TEXT, CO_C1
CUR_FLINK= ; NOTE THE CURRENT POSITION
          72
73
ŎŎŎŎ
                       CUR_FLINK=
ŎŎŎŎ
                       KEY_A_'KEY_CODE_NAME'= .
                                                             : SET ADDRESS OF THE ENTRY
ŎŎŎŎ
         75 : SET UP THE VARIOUS LINK POINTERS IN THE QUEUE ENTRY
76
77 .= PREV_FLINK
0000
0000
0000
                                PREV FLINK
CUR FLINK
CUR FLINK
         78
79
ŎŎŎŎ
                       .LONG
ŎŎŎŎ
                       .=
         80
81
82
83
0000
                                START FLINK
CUR_FLINK+KEY_L_BLINK
                       .LONG
0000
                       .=
0000
                                PREV_FLINK
                       .LONG
0000
                                START_FLINK+KEY_L_BLINK
                       .=
0000
          84
                       .LONG
                                CUR_FEINK
0000
          85
0000
         86
87
             ; PLACE THE INFORMATION IN THE DEFINITION BLOCK
0000
                                CUR_FLINK+KEY_B_ACTION
KEY_C_'KEY_CODE_NAME'
CUR_FLINK+REY_B_FLAGS
0000
          88
0000
          89
                       .BYTE
0000
          90
                       .=
         91
92
93
0000
                       .BYTE
                                KEY_FLAGS
0000
                       .=
                                CUR_FLINK+KEY_T_TEXT
0000
0000
         94 ; SPECIAL CASE - RUBOUT CHARACTER
         95
         96 .IF
0000
                       IDN
                                <key_TEXT>, RUBOUT
0000
                       .BYTE
                                ^x7F
0000
         98 .ENDC: IDN
                                <KEY_TEXT>,RUBOUT
0000
0000
        100; CONTROL CHARACTERS
0000
        101
                                KEY_FLAGS&KEY_M_CTRLCHAR AN KEY_TEXT 'T-*X40
        102 .IF
0000
                       NE
0000
                       .BYTE
0000
        104 .ENDC; NE
                                KEY_FLAGS&KEY_M_CTRLCHAR
0000
        105
0000
        106; STANDARD ESCAPE SEQUENCES (TYPICALLY VT52)
0000
        107
0000
        108 .IF
                                KEY_FLAGS&KEY_M_ESCSEQ
                       .BYTE
0000
        109
0000
        110
                       .ASCII \'KEY_TEXT'\
0000
        111 .ENDC: NE
                                KEY_FEAGS&KEY_M_ESCSEQ
0000
        112
0000
        113
             ; VI1XX & VI2XX TERMINAL ESCAPE SEQUENCES
0000
        114
        115 .IF
                                KEY_FLAGS&KEY_M_CSI
CO_C1_CO
^XTB, ^XSB
0000
0000
        116 .IF
                       IDN
0000
        117
                       .BYTE
0000
        118 .IFF
0000
        119
                       .BYYE
                                ^X9B
                                CO_C1,CO
\'KEY_TEXT'\
0000
        120 .ENDC:
                       IDN
0000
        121
                       .ASCII
0000
             .ENDC:
                      NE
                                KEY_FEAGS&KEY_M_CSI
0000
```

```
(2)
```

```
124 . If
125 . IF
126
127 . IFF
128
129 . ENDC;
130
131 . ENDC;
132
133 ; SET 1
134
135
136
137
138
139
140
                                                                 KEY_FLAGS&KEY_M_SS3
CO_C1,CO
TXTB, X4F
NE
IDN
                                              .BYTE
                                                               ^x8f
CO_C1.CO
\'REY_TEXT'\
KEY_F[AGS&KEY_M_SS3
                                              .BYTE
                                             IDN
                                               .ASCII
                          .ENDC; NE
                          ; SET THE SIZE OF THE DEFINITION BLOCK
                                             CUR_BLOCKSIZE= .-CUR_FLINK
CUR_TEXTSIZE= CUR_BLOCKSIZE-KEY_T_TEXT
.= CUR_FLINK+KEY_B_SIZE
.BYTE CUR_TEXTSIZE
.= CUR_FLINK+CUR_BLOCKSIZE+<8-<CUR_BLOCKSIZE&7>>
PREV_FLINK= CUR_FLINK
.ENDM KEY_DEF
                 141
```

```
0000000
                           143
                                        .PSECT AED_KEY_DEF, NOEXE, RD, WRT, QUAD
                    0000
                           144
                           145 KEY_TABLE::
                    ŎŎŎŎ
00000000,00000000.
                    0000
                           146
                                        . ADDRESS
                                                        KEY_TABLE, KEY_TABLE
         00000000
                    0008
                           148
                                        STAR FLINK=
                                                        KEY TABLE
                    0008
                           149
         00000000
                                       PREV_FLINK=
                                                        START_FLINK
                    0008
                           150
                                                       8000
                           151 ; DEFINE BASIC KEYPAD KEYS.
                           152
153
                    0008
                    0008
                                       0018
                           154
                    0028
                           155
                    0038
                           156
                    0048
                           157
                    0058
                           158
                    0068
                           159
                    0080
                           160
                    0090
                           161
                    DAO
                           162
                    00B0
                           163
                    0000
                           164
                    8000
                           165
                    00E8
                           166
                    00F8
                           167
                    0108
                           168
                    0118
                    0128
                           170
                    0138
                           171
                    0148
                           173
                    0158
                           174
                    0168
                    0178
                           175
                    0188
                           176
                    0198
                           177
                           178
                    01A8
                           179
                    01B8
                    0108
                           180
                    0108
                           181
                    01E8
                    01F8
                           183
                    0208
                    0218
                           185
                           186
187
                    0238
                           188
                    0258
                           189
                    0268
                           190
                           191
                           192
                    0288
                    0298
                           194
                    02A8
                    02B8
                           195
                           196
197
                    0208
                    0208
                                                        BOTTOM, <KEY M GOLDREO! KEY M SS3>, <t>, CO
                           198
                                                        BOTTOM, <KEY M GOLDREQ! KEY M SS3>, <t>, C1
```

```
15-SEP-1984 23:36:28 VAX/VMS Macro V04-00 
4-SEP-1984 22:54:23 [ACLEDT.SRC]AEDKEYTAB.MAR;1
                                                                    KEY_DEF
KEY_DEF
KEY_DEF
KEY_EF
0308
             0318
0328
0338
0348
                                     0358
0368
0388
0398
              210
03A8
             211
0388
0308
03D8
03E8
             215
216
217
03F8
0408
0418
             218
219
220
0428
0438
0448
             0458
0468
0478
0488
0498
04A8
04B8
0408
0408
04E8
04F8
0508
0518
0528
0540
0550
0560
0570
0580
                                      KEY_DEF
                                                                      NEXT_SCREEN, < KEY_M_CSI>, < 6">, C1
0590
0590
                         THE ARROW KEYS
0590
                                                                     UP, < KEY M SS3>, < A>, CO
UP, < KEY M SS3>, < A>, C1
UP, < KEY M SS3>, < A>, C1
UP, < KEY M CSI>, < A>, C1
UP, < KEY M CSI>, < A>, C1
UP, < KEY M ESCSEQ>, < A>
DOWN, < KEY M SS3>, < B>, C0
DOWN, < KEY M SS3>, < B>, C1
DOWN, < KEY M SS3>, < B>, C1
DOWN, < KEY M SS3>, < C>, C1
DOWN, < KEY M SS3>, < C>, C1
RIGHT, < KEY M SS3>, < C>, C1
                                     KEY_DEF
KEY_DEF
KEY_DEF
KEY_DEF
KEY_DEF
KEY_DEF
0590
05A0
0580
05CO
05D0
05E0
                                     KEY_DEF
05F0
0600
                                     KEY_DEF
0610
0620
0630
                                      KEY_DEF
                                     KEY DEF
0640
0650
                                      KEY_DEF
0660
                                      KEY_DEF
                                                                      RIGHT, < KEY_M_CSI>, < C>, C1
```

(3)

- Default key definition table

.END

```
15-SEP-1984 23:36:28 VAX/VMS Macro V04-00 (ACLEDT.SRC]AEDKEYTAB.MAR;1
- Default key definition table
                                                                                       KEY DEF
KEY DEF
KEY DEF
KEY DEF
KEY DEF
                                                                                                                                                RIGHT, < KEY M ESCSEQ>, < C>

LEFT, < KEY M SS3>, < D>, C0

LEFT, < KEY M SS3>, < D>, C1

LEFT, < KEY M CSI>, < D>, C0

LEFT, < KEY M CSI>, < D>, C1
                                           255890
255601
255667
25667
25667
                  0670
                  0680
0690
                  06A0
                  06B0
                  0600
                                                                                                                                                 LEFT, < KEY MESCSEQ>, < D>
                  0600
                  0600
                                                                  THE REMAINING MISCELLANEOUS KEYS
                  06D0
                  06D0
06E0
                                                                                      OVERSTRIKE, < KEY_M_CTRLCHAR>, A
                                                                                                                                                OVERSTRIKE, < KEY M CTRLCHAR>, A MOVE BOL, < KEY M CTRLCHAR>, H MOVE BOL, < KEY M CSI>, < 24 > , CO MOVE BOL, < KEY M CSI>, < 24 > , C1 RUB DRD, < KEY M CSI>, < 25 > , CO RUB WRD, < KEY M CSI>, < 25 > , CO RUB WRD, < KEY M CSI>, < 25 > , C1 REFRESH, < KEY M CTRLCHAR>, R REFRESH, < KEY M CTRLCHAR>, W PESET < KEY M GTLDEFO KEY M CTI
                  06F0
0708
                                            268
269
270
                  0718
                  0728
0740
                                            271
                                            272
273
                  0750
                  0760
0770
                                                                                                                                               REFRESH, <KEY_M_CTRLCHAR>, W
RESET, <KEY_M_GOLDREQ!KEY_M_CTRLCHAR>, R
RESET, <KEY_M_GOLDREQ!KEY_M_CTRLCHAR>, W
RUB_BOL, <KEY_M_CTRLCHAR>, U
RUB_BOL, <KEY_M_CTRLCHAR>, X
UNDEL_LIN, <KEY_M_GOLDREQ!KEY_M_CTRLCHAR>, U
UNDEL_LIN, <KEY_M_GOLDREQ!KEY_M_CTRLCHAR>, X
EXIT, <KEY_M_CTRLCHAR>, Z
EXIT, <KEY_M_CSI>, <17->, CO
EXIT, <KEY_M_CSI>, <17->, C1
EXIT, <KEY_M_CSI>, <19->, C1
EXIT, <KEY_M_CSI>, <21->, C1
EXIT, <KEY_M_CSI>, <21->, C1
EXIT, <KEY_M_CSI>, <21->, C1
QUIT, <KEY_M_CTRLCHAR>, D
                                            275
                                           276
277
                  0780
                  0790
                                           278
279
                  0740
                  07B0
                                            280
                  0700
                  0700
                                            281
                  07E0
07F8
                                            282
                                            283
                                            284
                  8080
                  0820
                                            285
                  0830
                                            286
                  0848
                                           287
                  0858
                                            288
                  0868
                                           289
                                           290
                 0878
                                                                                                                                                 DEBUG, <KEY_M_CTRLCHAR>,D
```

(3)

| AEDSKEY TABLE Symbol Table | - Default key definition | 4-SEP-1984 | 23:36:28 VAX/VMS Macro V04-00 Page 8 22:54:23 [ACLEDT.SRC]AEDKEYTAB.MAR;1 (3) |
|---|---|--|--|
| AED C CHAR BS AED C CHAR CR AED C CHAR CTLZ AED C CHAR CTLZ AED C CHAR TAB AED M ACEFORMAT AED M ACEFORMAT AED M ACFTONKEY AED M ACTTONKEY AED M BACKWARD AED M DELBOL AED M DIRECTORY AED M FIRSTCHAR AED M FIRSTCHAR AED M INSERT AED M INSERT AED M INSERT AED M INSERT AED M MODIFIED AED M NOITEMSEL AED M MODIFIED AED M NOITEMSEL AED M OPENACE AED M PROMPT AED M RECOVER AED M PROMPT AED M SET ACL CMD AED M SET DEV CMD AED M SET TILE CMD AED M SET TILE CMD AED M SET FILE CMD | = 00000000 D = 0000001A D = 0000000A D = 0000000A D = 00000000 D | Table 15-SEP-1984 AED_V_INSERTEXT AED_V_JNL_READ AED_V_JOURNAL AED_V_KEEPJNL AED_V_KEEPREC AED_V_MODIFIED AED_V_NOITEMSEL AED_V_OPENACE AED_V_OPENACE AED_V_OPENACE AED_V_RECOVER AED_V_RECOVER AED_V_SET_ACL_CMD AED_V_SET_DEV_CMD AED_V_SET_DIR_CMD AED_V_SET_DIR_CMD AED_V_SET_FILE_CMD AED_V_VERB_EDIT AED_V_VTSX AED_V_V | = 0000000E |
| AED_M_WRAP AED_R_FLAG_BITS AED_R_OPTION_BITS AED_S_FLAG_BITS AED_S_OPTIONDEF AED_S_OPTION BITS AED_V_ACEFORMAT AED_V_ACEROR AED_V_ACTIONKEY AED_V_APPLICAT AED_V_BACKWARD AED_V_DELBOL AED_V_DIRECTORY AED_V_ENDACL AED_V_FIRSTCHAR AED_V_GOLDKEY AED_V_INSERT | = 00000010 D | KEY_A_DEBUG KEY_A_DEL_ACE KEY_A_DEL_CHR KEY_A_DEL_EOL KEY_A_DEL_WRD KEY_A_DOWN KEY_A_ENTER KEY_A_EXIT KEY_A_FIND_NXT KEY_A_FIND_STR KEY_A_HELP KEY_A_HELP KEY_A_HELP KEY_A_HELP KEY_A_MOVE_BOL KEY_A_MOVE_BOL KEY_A_MOVE_WRD KEY_A_NEXT_SCREEN | = 00000368 R D 01 |

,

| AEDSKEY TABLE Symbol Table | - Default key definition | J 9 15-SEP-1 4-SEP-1 | 1984 23:36:28 VAX/VMS Macro VO4-00 1984 22:54:23 [ACLEDT.SRC]AEDKEYTAB.MAR;1 | Page 9 (3) |
|---|--|--|--|------------|
| KEY A OVERSTRIKE KEY A PREV SCREEN KEY A QUIT KEY A RESET KEY A RESET KEY A RUB BOL KEY A RUB BOL KEY A RUB WRD KEY A SEL FIELD KEY A SEL ITEM KEY A TOP KEY A UNDEL ACE KEY A UNDEL WRD KEY C DEL WRD KEY C DEL ACE KEY C ADVANCE KEY C BOTTOM KEY C DEL ACE KEY C DEL ACE KEY C DEL ACE KEY C DEL WRD KEY C DEL BOL KEY C HELPFMT KEY | = 00000600 R D 01 = 00000560 R D 01 = 00000760 R D 01 = 00000740 R D 01 = 00000740 R D 01 = 00000740 R D 01 = 000001E8 R D 01 = 00000338 R D 01 = 0000038 R D 01 = 00000398 R D 01 = 00000398 R D 01 = 00000398 R D 01 = 00000008 D D 01 = 00000000 D D 01 = 000000000 D D 01 = 00000000 D D 01 = 000000000 D D 01 = 000000000 D D 01 = 00000000 D D 01 = 00000000 D D 01 = 00000000 D D 01 = 000000000 D D 01 | KEY C UNDEL ACE KEY C UNDEL CHR KEY C UNDEL LIN KEY C UNDEL WRD KEY M CSI KEY M CSSEQ KEY M CSSEQ KEY M SSERDEF KEY T TEXT KEY C UNSERDEF KEY T USERDEF KEY T USERDEF LINE B FIELDST LINE B FIELDST LINE B FIELDST LINE B FIELDST LINE M DUMMY LINE M STACE LINE W SIZE OPTINE W SIZE OPTINE START | = 0000000F = 00000007 = 00000024 = 0000000B = 0000000B = 00000000 = 000000000 = 00000000 = 000000000 = 00000000 = 0000000 = 0000000 | |

15-SEP-1984 23:36:28 VAX/VMS Macro V04-00 Page 10 4-SEP-1984 22:54:23 [ACLEDT.SRC]AEDKEYTAB.MAR;1 (3)

! Psect synopsis !

PSECT name

Allocation PSECT No. Attributes

O0000000 (0.) 00 (0.) NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BYTE AED_KEY_DEF

O0000888 (2184.) 01 (1.) NOPIC USR CON REL LCL NOSHR NOEXE RD WRT NOVEC QUAD

! Performance indicators !

| Phase | Page faults | CPU Time | Elapsed Time |
|---|-------------|----------------------------|----------------------------|
| Initialization | 14 | 00:00:00.07 | 00:00:00.29 |
| Command processing Pass 1 | 107 283 | 00:00:00.69 00:00:17.30 | 00:00:02.16 00:00:27.75 |
| Symbol table sort | 0 | 00:00:00.24 | 00:00:00.24 |
| Pass 2 Symbol table output | 87 25 | 00:00:03.90 00:00:00.18 | 00:00:06.16 00:00:00.20 |
| Psect synopsis output Cross-reference output | 5 | 00:00:00.02 00:00:00.00 | 00:00:00.02 00:00:00.00 |
| Assembler run totals | 51 8 | 00:00:22.40 | 00:00:36.82 |

The working set limit was 1050 pages.
104287 bytes (204 pages) of virtual memory were used to buffer the intermediate code.
There were 20 pages of symbol table space allocated to hold 216 non-local and 0 local symbols.
292 source lines were read in Pass 1, producing 44 object records in Pass 2.
10 pages of virtual memory were used to define 2 macros.

! Macro library statistics !

| library name Macros de | efined |
|---|-------------|
| | |
| DUA28:[ACLEDT.OBJ]ACLEDT.MLB;1 DUA28:[SYS.OBJ]LIB.MLB;1 DUA28:[SYSLIB]STARLET.MLB;2 | 1 0 0 |
| (all libraries) | |

171 GETS were required to define 1 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS:AEDKEYTAB/OBJ=OBJS:AEDKEYTAB MSRCS:AEDKEYTAB/UPDATE=(ENHS:AEDKEYTAB)+EXECMLS/LIB+LIBS:ACLEDT/LIB

0003 AH-BT13A-SE

DIGITAL EQUIPMENT CORPORATION CONFIDENTIAL AND PROPRIETARY

